

## APPENDIX B

Suitable olefins that can be used as comonomers to obtain ethylene copolymers are [~~α~~-olefins] α-olefins such as propylene, butene, hexene, octene, 4-methyl-1-pentene and cyclic olefins and can be used in proportions from 0.1 to 70% by weight of the total of the monomers. In the case of homopolymerization of ethylene, the density of polymers ranges between 0.950 and 0.970 g/cm<sup>3</sup>; in the case of copolymerization of ethylene, the density is as low as 0.900 g/cm<sup>3</sup>.